

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for selecting the implementation of a supplementary service in a telecommunications system in which a user can use different terminals the properties of which vary, the method comprising:
defining at least two ~~different~~ alternative implementations for the supplementary service;
defining, for each implementation, properties required of the terminal; and
selecting, from among the at least two alternative implementations, an implementation of the supplementary service, the selection being based on the properties of the terminal.
2. (Previously Presented) The method of claim 1, wherein the selecting of the supplementary service implementation is performed in response to a change of terminal by the user.
3. (Previously Presented) The method of claim 1, further comprising:
defining, for each implementation, also properties required of a network providing the supplementary service; and wherein
the selecting of the implementation of the supplementary service is performed on the basis of the properties of the terminal used and the network it uses.
4. (Previously Presented) The method of claim 3, wherein the selecting of the supplementary service implementation is performed in response to a change of network used by the terminal.
5. (Previously Presented) The method of claim 1, wherein the selecting of the supplementary service implementation is performed in response to a new property loaded into the terminal.

6. (Previously Presented) The method of claim 1, wherein the telecommunications system is a mobile communication system, the selecting of the supplementary service implementation is performed in connection with location updating, and the method further comprises sending necessary information on properties as part of location update signalling.

7. (Currently Amended) A method for selecting the implementation of a supplementary service in a telecommunications system in which a user can use different terminals the properties of which vary, the method comprising:
defining functions for supplementary services;
defining implementations for the functions so that at least one function has at least two ~~different~~ alternative implementations;
defining, for each alternative implementation, properties required of a terminal; and
selecting an implementation of a supplementary service by selecting, ~~an~~ implementation for each supplementary service function having alternative implementations, and implementation based on the properties of the terminal used.

8. (Previously Presented) The method of claim 7, further comprising defining for each implementation properties required of the network providing the supplementary services; and wherein selecting the supplementary service implementation is performed by selecting an implementation for each supplementary service function based on the properties of the mobile terminal and network used.

9. (Currently Amended) A telecommunications system including a network to provide supplementary services to users and terminals the properties of which vary and which the user can freely change, the system comprising:
memory means including an implementation list for a supplementary service, which list contains ~~definitions of~~ at least two ~~different~~ alternative implementations for the supplementary service and for each alternative implementation, properties required of a terminal ~~in each implementation~~; and

selection means to select, from among the at least two alternative implementations, an implementation for the supplementary service, wherein the selection is ~~implementation~~ based on the properties of the terminal used.

10. (Currently Amended) The system of claim 9, wherein the implementation list also contains properties required of the network ~~[[in]]~~ for each alternative implementation, and the selection means are adapted to take into consideration also the network properties in the selection of the implementation.

11. (Currently Amended) The system of claim 9, wherein the memory means contain a function list for at least one supplementary service, in which function list functions ~~[[of]]~~ for the supplementary service are listed, and at least some of the alternative implementations in the implementation list including their property requirements are defined ~~for each function~~ function-specifically, and the selection means are adapted to select the supplementary service implementation by selecting an implementation for each function of the supplementary service.

12. (Previously Presented) The system of claim 9, wherein the selection means are responsive to change of mobile terminal.

13. (Previously Presented) The system of claim 9, wherein the telecommunications system is a mobile communication system.

14. (Previously Presented) The system of claim 13, wherein one of the properties of the terminal is a version of the supplementary service execution environment Java-API interface.

15. (Previously Presented) The system of claim 13, wherein the network includes at least one network node with a supplementary service control function, and the network is adapted to send information on the supplementary service implementation to the service control function when the supplementary service is activated.

16. (Currently Amended) An implementation register which is part of a telecommunications system, which includes at least one network to provide supplementary services to users, and terminals the properties of which vary and which a user can freely change, wherein the implementation register comprises:

an implementation list for a supplementary service, which contains definitions of at least two ~~different~~ alternative implementations for the supplementary service and, for each alternative implementation, at least properties required of a terminal ~~in each implementation~~; and

an application part configured to retrieve the implementation list for the selection of an implementation from among the at least two alternative implementations for the supplementary service ~~implementation~~.

17. (Currently Amended) The implementation register of claim 16, wherein implementation list also contains, for each implementation, definitions of properties required of a network providing the supplementary service ~~in each implementation~~.

18. (Currently Amended) An implementation register which is part of a telecommunications system which includes at least one network to provide supplementary services to users, and mobile terminals the properties of which vary and which a user can freely change, wherein the implementation register comprises:

a function list which lists at least one function of a supplementary service;

an implementation list for each function in the function list, which implementation list contains, for at least one of which contains definitions of function at least two ~~different~~ alternative implementations ~~for the function~~ and, for each alternative implementation, at least properties required of a terminal ~~in each implementation~~, and

an application part to retrieve implementation lists of functions for a selection of ~~[[the]]~~ an implementation from among the at least two alternative implementations.

19. (Currently Amended) The implementation register of claim 18, wherein the implementation list also contains definitions of properties required of a network providing the supplementary service ~~[[in]]~~ for each implementation.